

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A digital camera system comprising a digital camera and a removable cradle on which the digital camera is mounted, wherein:

the removable cradle comprises:

a movable portion;

a signal generating device which generates a command signal for changing functions of the digital camera according to a position of the movable portion; and

a signal transmitting device which transmits the command signal generated by the signal generating device to the digital camera; and

the digital camera comprises:

a signal receiving device which receives the command signal generated according to the position of the movable portion of the removable cradle; and

a mode control device which changes operation modes of the digital camera according to the command signal transmitted from the removable cradle,

said system further comprising a charge control device which, when the digital camera is mounted on the removable cradle with the digital camera being powered down, automatically sets a charge mode where a battery in the digital camera is charged by power supplied through the removable cradle.

2. (currently amended): A removable cradle on which a digital camera is mounted, the removable cradle comprising:

a movable portion;

a signal generating device which generates a command signal for changing functions of the digital camera according to a position of the movable portion; and

a signal transmitting device which transmits the command signal generated by the signal generating device to the digital camera; and

a charge control device which, when the digital camera is mounted on the removable cradle with the digital camera being powered down, automatically sets a charge mode where a battery in the digital camera is charged by power supplied through the removable cradle.

3. (previously presented): The removable cradle as defined in claim 2, wherein the movable portion comprises a camera mounting unit on which the digital camera is mounted.

4. (previously presented): The removable cradle as defined in claim 3, further comprising:

a leg portion which supports the camera mounting unit,

wherein the camera mounting unit is coupled to the leg portion through a movable system.

5. (previously presented): The removable cradle as defined in claim 4, wherein: the movable system enables the camera mounting unit to move relatively to the leg portion, and

a moving style of the camera mounting unit includes at least one of tilting, sliding, rotating, and vertical moving with respect to the leg portion.

6. (previously presented): The removable cradle as defined in claim 5, wherein the movable system enables the movable portion to move in a predetermined moving range.

7. (previously presented): The removable cradle as defined in claim 2, further comprising:

a communications interface for connection and communications with external equipment,

wherein the digital camera is connected to communicate with the external equipment through the removable cradle by mounting the digital camera on the removable cradle.

8. (previously presented): The removable cradle as defined in claim 7, wherein the signal generating device generates a signal for switching functions of the digital camera for the external equipment connected for communications through the removable cradle.

9. (currently amended): A digital camera capable of being mounted on a removable cradle, the digital camera comprising:

a signal receiving device which receives a command signal generated according to a position of a movable portion of the removable cradle; ~~and~~

a mode control device which changes operation modes according to the command signal obtained through the signal receiving device, and

a charge control device which, when the digital camera is mounted on the removable cradle with the digital camera being powered down, automatically sets a charge mode where a battery in the digital camera is charged by power supplied through the removable cradle.

10. (previously presented): The digital camera as defined in claim 9, wherein the operation modes are changed according to the command signal while the digital camera is mounted on the removable cradle and powered up.

11. (canceled).

12. (currently amended): A digital camera system in which a digital camera is connected to communicate with external equipment when the camera is mounted on a removable cradle, wherein the removable cradle comprises:

a tilt angle changing device which changes a tilt angle of the digital camera mounted on the removable cradle;

a determination device which determines a change in the tilt angle of the digital camera by the tilt angle changing device; and

a command device which outputs a function change signal to the digital camera according to a determination result of the determination device,

wherein the digital camera changes functions for the external equipment according to the function change signal received from the command device, and

said system further comprising a charge control device which, when the digital camera is mounted on the removable cradle with the digital camera being powered down, automatically sets a charge mode where a battery in the digital camera is charged by power supplied through the removable cradle.

13. (previously presented). The digital camera system as defined in claim 1, wherein the operation modes comprise a camera mode and a non-camera mode.

14. (previously presented): The digital camera system as defined in claim 13, wherein the camera mode comprises a PC camera mode, and the non-camera mode comprises a storage mode.

15. (previously presented): The digital camera system as defined in claim 14, wherein in the storage mode the digital camera functions as a cardreader, and in the PC camera mode the digital camera functions as a PC camera.

16. (previously presented). The cradle as defined in claim 2, wherein the functions of the digital camera comprise a camera function and a non-camera function.

17. (previously presented): The cradle as defined in claim 16, wherein the camera function comprises a PC camera function and the non-camera function comprises a storage function.

18. (previously presented). The digital camera as defined in claim 9, wherein the operation modes comprise a camera mode and a non-camera mode.

19. (currently amended). The digital camera as defined in claim 18, wherein the camera mode comprises a PC camera mode and the non-camera mode comprises a storage mode.

20. (previously presented): The digital camera system as defined in claim 12, wherein the functions comprise a camera function and a non-camera function.

21. (previously presented): The digital camera system as defined in claim 20, wherein the camera function comprises a PC camera function and the non-camera function comprises a storage function.